

25. (Amended) A probe according to claim 24 wherein said probe is having no more than five, preferably no more than two mismatches with a probe selected of a group composed of probes having a sequence GCCTGCCAGTTTCGAATG (SEQ ID NO:1) or GTAGCCCTACTCGTAAGG (SEQ ID NO:2) or GAGCAAAGGTATTAAC TTTACTCCC (SEQ ID NO:3) or GTTAGCCGTCCTTTCTGG (SEQ ID NO:4) or TTATCCCCCTCTGATGGG (SEQ ID NO:5) or AGAGAAGCAAGCTTCTCGTCCG (SEQ ID NO:6) or GCCAC1CC1C11TTTCCGG (SEQ ID NO:7) or GCTAATGCAGCGCGGATCC (SEQ ID NO:8) or CCGAAGGGGAAGGCTCTA (SEQ ID NO:9) or AGAGAAGCAAGCTTCTCGTCCGTT (SEQ ID NO:10).

#### REMARKS

Continued prosecution and consideration of the claimed subject matter in the accompanying patent application is respectfully requested.

The specification was amended to include reference to the appropriate sequence identifier according the enclosed biological Sequence Listing. Claims 7, 15, 19, 21 and 25, which recited biological sequences, were amended to include reference to the appropriate sequence identifier. It is thus seen that no new matter has been presented.

#### SUMMARY

Accompanying Statements under 37 C.F.R. 1.101 and 1.102 and Responses to the Office

to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures, and an obvious typographical error was corrected.

The application is believed to be in condition for allowance. An early notice to that effect is earnestly solicited.

No fee or petition is believed to be necessary. However, should any further fee be needed, please charge our Deposit Account No. 23-0920, and deem this paper to be the required petition.

The Examiner is requested to phone the undersigned should any questions arise that can be dealt with over the phone to expedite this prosecution.

Respectfully submitted,



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Enclosures:

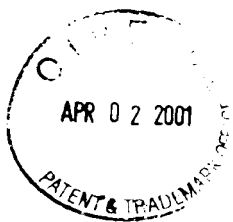
Paper Copy of Sequence Listing  
Diskette with Sequence Listing CRF  
Statements under 37 C.F.R. § 1.825(a) and § 1.821(f)  
Copy of Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and or Amino Acid Sequence Disclosures

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

A paper copy of the envelope addressed to the Commissioner of Patents and Trademarks was deposited in the mail on March 19, 2001.



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Second Preliminary Amendment -1-  
showing claim changes for  
09/573,779

7. (Amended) A method according to claim 6 wherein said probe is having no more than five, preferably no more than two mismatches with a probe selected of a group composed of probes having a sequence GCCTGCCAGTTTCGAATG (SEQ ID NO:1) or GTAGCCCTACTCGTAAGG (SEQ ID NO:2) or GAGCAAAGGTATTAACCTTTACTCCC (SEQ ID NO:3) or GTTAGCCGTCCCTTTCTGG (SEQ ID NO:4).

15. (Amended) A method according to claim 14 wherein said probe is having no more than five, preferably no more than two mismatches with a probe selected of a group composed of probes having a sequence TTATCCCCCTCTGATGGG (SEQ ID NO:5) or AGAGAAGCAAGCTTCTCGTCCG (SEQ ID NO:10) or GCCACTCCTCTTTTTCCGG (SEQ ID NO:7).

19. (Amended) A method according to claim 18 wherein said probe is having no more than five, preferably no more than two mismatches with a probe selected of a group composed of probes having a sequence GCTAATGCAGCGCGGATCC (SEQ ID NO:8) or CCGAAGGGGAAGGCTCTA (SEQ ID NO:9) or AGAGAAGCAAGCTTCTCGTCCGTT (SEQ ID NO:10).

Second Preliminary Amendment -2-  
showing changes for  
09/673,779

21. (Amended) A method according to claim 20 wherein said positive control probe comprising no more than five mismatches with a probe with the sequence GCTGCCTCCCGTAGGAGT (SEQ ID NO:11) and/or wherein said negative control probe comprises no more than five mismatches with a probe with the sequence ACTCCTACGGGAGGCAGC (SEQ ID NO:12).

25. (Amended) A probe according to claim 24 wherein said probe is having no more than five, preferably no more than two mismatches with a probe selected of a group composed of probes having a sequence GCCTGCCAGTTTCGAATG (SEQ ID NO:1) or GTAGCCCTACTCGTAAGG (SEQ ID NO:2) or GAGCAAAGGTATTAACCTTTACTCCC (SEQ ID NO:3) or GTTAGCCGTCCCTTTCTGG (SEQ ID NO:4) or TTATCCCCCTCTGATGGG (SEQ ID NO:5) or AGAGAAGCAAGCTTCTCGTCCG (SEQ ID NO:6) or GCCACTCCTCTTTTCCGG (SEQ ID NO:7) or GCTAATGCAGCGCGGATCC (SEQ ID NO:8) or CCGAAGGGGAAGGCTCTA (SEQ ID NO:9) or AGAGAAGCAAGCTTCTCGTCCGTT (SEQ ID NO:10).